

Title (en)

Retrievable guide anchor assembly and methods for milling a well casing

Title (de)

Rückgewinnbare Führungsankeranordnung und Verfahren zum Fräsen einer Bohrlochverrohrung

Title (fr)

Ensemble d'ancrage de guide récupérable et procédés pour le fraisage d'un tubage de puits

Publication

EP 0846836 A2 19980610 (EN)

Application

EP 97309842 A 19971205

Priority

US 75950896 A 19961205

Abstract (en)

A tubular anchor assembly (22) coaxially and releasably securable in a subterranean well bore casing, comprising: a tubular inner mandrel (88); a tubular slip carrier (98,132) coaxially circumscribing the inner mandrel in a radially outwardly spaced relationship therewith, the slip carrier having a circumferentially spaced series of side wall slip windows (100, 102, 136, 138) therein and outwardly bounding an annular space between the inner mandrel and the slip carrier; a circumferentially spaced series of slips (40,42) carried in the annular space for radial movement through the slip windows between retracted and extended positions; and a circumferentially spaced series of arcuate, elongated spring members (108) disposed in the annular space and resiliently biasing the slips toward their retracted positions, the spring members being interdigitated with the slips and having longitudinally central portions secured to the slip carrier, with each slip being engaged by end portions of two spring members on circumferentially opposite sides thereof. <IMAGE> <IMAGE> <IMAGE>

IPC 1-7

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EP 0846836 A2 19980610; **EP 0846836 A3 20020123**; **EP 0846836 B1 20040922**; AU 4689397 A 19980611; BR 9707750 A 19990706; CA 2223669 A1 19980605; CA 2223669 C 20050215; DE 69730804 D1 20041028; DE 69730804 T2 20050203; NO 312977 B1 20020722; NO 975625 D0 19971204; NO 975625 L 19980608; US 5829518 A 19981103; US 5832997 A 19981110; US 5944103 A 19990831; US 5954130 A 19990921

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